The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

11/29/11

Cameron Merrill
Assistant District Attorney, Suffolk County

Dear ADA Merrill,

Enclosed is the information you requested in regards to Commonwealth vs. ████Included are copies of the following:

1. Drug Analysis Laboratory Receipt.

2. Control Card with analytical results for sample #████████

3. Analysis sheet with chemist's hand notations and test results.

4. GC/Mass Spectral analytical data for sample #████████

GC/MS testing was performed by Peter Piro. All other analyses were performed by Kate Corbett. If you have any questions about these materials, please call me at the number below.

Sincerely,

Kate Corbett

Kate Corbett
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6632

cc: PJP

Boston Police DEPARTMENT

DRUG RECEIPT

CC # ████████
BOOK # ████████
PAGE # ████████
DESTRUCTION # _____

District/Unit D14 / K101A

Name & Rank of Arresting Officer P.O. Michael Prihbne   ID# 11350

DEFENDANT'S NAME	ADDRESS	CITY	STATE
████████	████████	████████	████████

DESCRIPTION OF ITEMS SUBMITTED		GROSS QUANTITY	GROSS WEIGHT	ANALYSIS NUMBER
MDMA (Ecstacy)	9 PBS 1 med rock 8 sm pbs 2 loose rocks		16.929	████████
marijuana green vegetable matter	1 large 1 lg loose buds		58.932	

To be completed by ECU personnel only

Name and Rank of Submitting Officer _____   ID# 9370   11064

Received by _____   Date 5-11-11

ECU Control # _____

BPD Form 0038-BIS-0907 (prev. 1753)

Corbett_email_PRR_006789

No. ███████ Date Analyzed: 11-4-11
City: Boston D.C.U. Police
Officer: P.O. SYBIL WHITE

Def: ██████████████
Amount: Subst: SUB
No. Cont: 9 Cont: pb

Date Rec'd: 05/18/2011 No. Analyzed: 1

Gross Wt: 16.920 Net Wt: 1.62g
                    #Tests: WKAC
                            •ZPP.ñ
Prelim: MDMA Findings: 3,4-MDMA

DRUG POWDER ANALYSIS FORM

SAMPLE ▮▮▮▮▮▮▮▮▮   AGENCY Boston   ANALYST KAC

No. of samples tested: 1   Evidence Wt. OK

PHYSICAL DESCRIPTION:

Gross Wt (9): 3.7605g

Gross Wt (1): 1.8920g

Pkg. Wt: 0.2659g

Net Wt: 1.6261g

9 pbs containing a brown
rock-like substance
-8 sm pbs + 1 lg pb
-empty prescription bottle also inside
evidence bag

PRELIMINARY TESTS
Spot Tests

Cobalt Thiocyanate ( )   —

Marquis   + purple → black

Froehde's   + green + purple → black

Mecke's   + green → dark green

Microcrystalline Tests

Gold Chloride _____

TLTA ( ) _____

OTHER TESTS

GC = + for MDMA
Compared to MDMA std.

PRELIMINARY TEST RESULTS

RESULTS MDMA

DATE 10/18/11

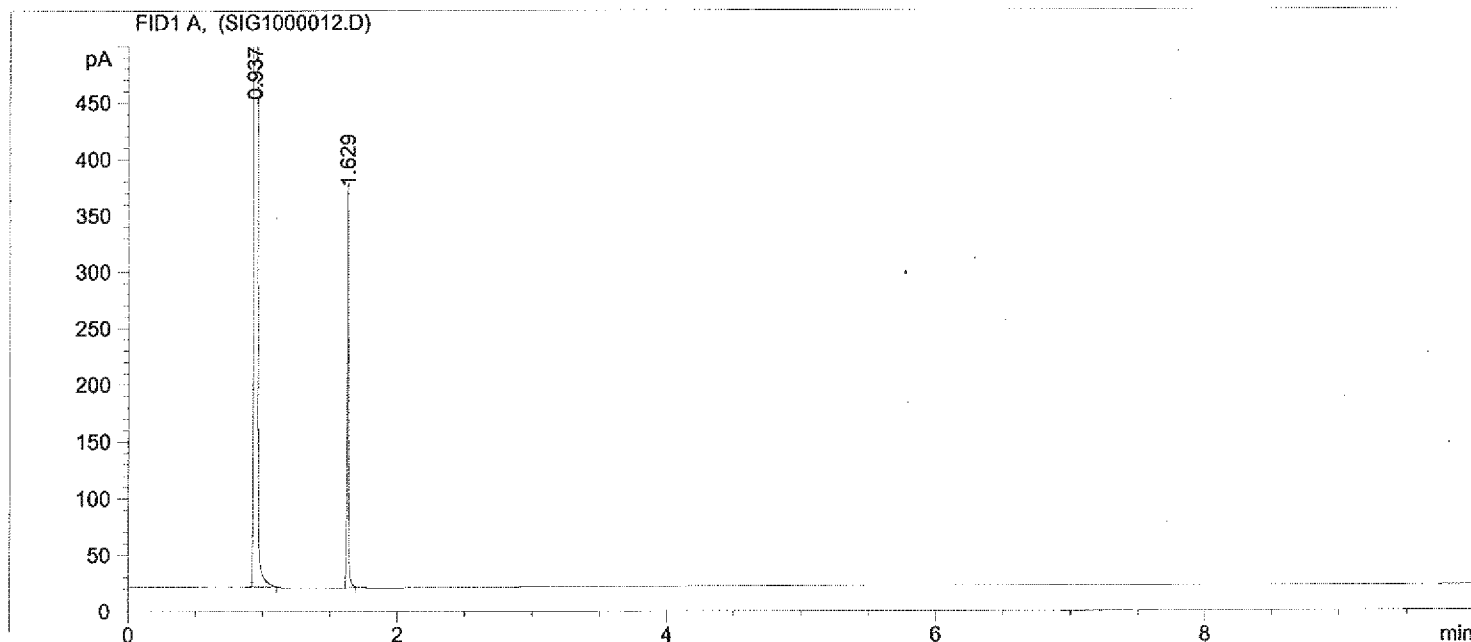## GC/MS CONFIRMATORY TEST

RESULTS 3,4 MDMA

MS OPERATOR P. Piro

DATE 11/4/11

Data File C:\CHEM32\1\DATA\SIG1000012.D
Sample Name: 3,4-MDMA STD

===

```
 Acq. Operator    : ASD                    Seq. Line :  12
 Acq. Instrument  : DrugLab GC #2           Location : Vial 12
 Injection Date   : 10/17/2011 5:13:16 PM        Inj :   1
                                           Inj Volume : 1 µl

 Sequence File    : C:\CHEM32\1\SEQUENCE\DEFAULT.S
 Method           : C:\CHEM32\1\METHODS\ROUTINE.M
 Last changed     : 7/28/2010 1:59:36 PM
```

===

===
Area Percent Report
===

```
Sorted By              :        Retention Time
Multiplier:                 :         1.0000
Dilution:                   :         1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

```
Peak RetTime Sig Type    Area      Height      Area
 #   [min]           [pA*s]      [pA]         %
----|-------|---|----|----------|----------|--------|
  1   0.937  1  BB S 5.14893e4  5.42746e4  99.50384
  2   1.629  1  BB    256.74075  349.65933  0.49616

Totals :             5.17461e4  5.46243e4
```

===
*** End of Report ***

DrugLab GC #2 10/17/2011 5:23:16 PM ASD   Page   1 of 1

Data File C:\CHEM32\1\DATA\SIG1000014.D
Sample Name: 3,4-MDA STD

```
===================================================================
  Acq. Operator   : ASD                    Seq. Line :  14
  Acq. Instrument : DrugLab GC #2           Location : Vial 14
  Injection Date  : 10/17/2011 5:40:14 PM        Inj :   1
                                           Inj Volume : 1 µl

  Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
  Method          : C:\CHEM32\1\METHODS\ROUTINE.M
  Last changed    : 7/28/2010 1:59:36 PM
===================================================================
```



```
===================================================================
                    Area Percent Report
===================================================================

  Sorted By          :        Retention Time
  Multiplier:                  :      1.0000
  Dilution:                    :      1.0000
  Do not use Multiplier & Dilution Factor with ISTDs

  Signal 1: FID1 A,

  Peak RetTime Sig Type    Area       Height      Area
   #   [min]            [pA*s]        [pA]        %
  ----|-------|---|----|----------|----------|--------|
   1   0.937   1  BB S  5.01925e4   5.92404e4  99.47773
   2   1.532   1  BB     263.51468   353.21576   0.52227

  Totals :             5.04560e4   5.95936e4
```

```
===================================================================
                    *** End of Report ***
```

DrugLab GC #2 10/17/2011 5:50:14 PM ASD   Page   1 of 1

Data File C:\CHEM32\1\DATA\SIG1000016.D
Sample Name: BENZYLPIPERAZINE STD

==
Acq. Operator   : ASD   Seq. Line : 16
Acq. Instrument : DrugLab GC #2   Location : Vial 16
Injection Date : 10/17/2011 6:07:19 PM   Inj :   1
                                          Inj Volume : 1 μl
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method   : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed   : 7/28/2010 1:59:36 PM
==

==
                     Area Percent Report
==

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
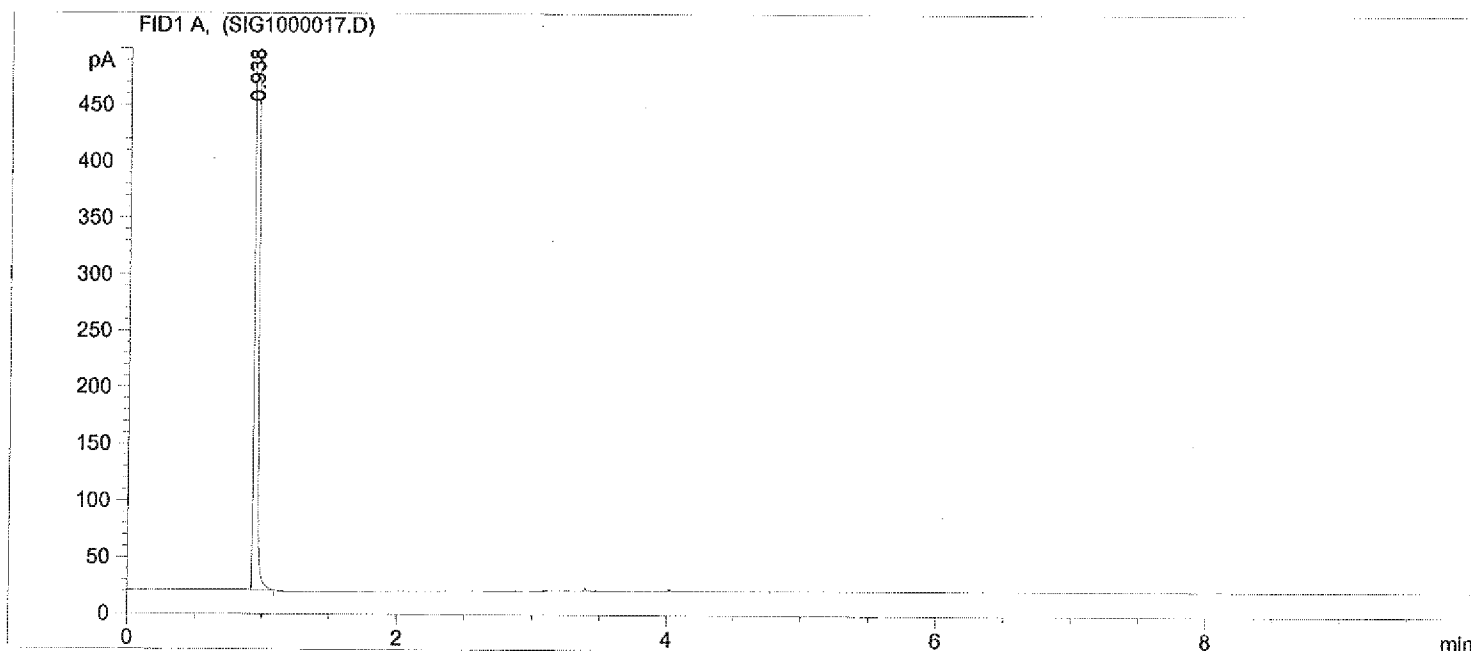Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type   Area   Height   Area
  #   [min]   [pA*s]   [pA]   %
----|-------|---|----|----------|----------|--------|
  1   0.937 1 BB S 5.07642e4 5.44670e4 99.38755
  2 · 1.564 1 BB   312.81879 375.02292   0.61245

Totals :   5.10770e4 5.48420e4

==
                     *** End of Report ***

DrugLab GC #2 10/17/2011 6:17:19 PM ASD   Page   1 of 1

Data File C:\CHEM32\1\DATA\SIG1000017.D
Sample Name: BLANK
===
Acq. Operator   : ASD   Seq. Line :   17
Acq. Instrument : DrugLab GC #2   Location : Vial 17
Injection Date   : 10/17/2011 6:20:46 PM   Inj :   1
                                          Inj Volume : 1 μl
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method   : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed   : 7/28/2010 1:59:36 PM
===

===
                        Area Percent Report
===

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.938	1	BB S	5.41000e4	5.38033e4	1.000e2

Totals :   5.41000e4   5.38033e4

===
                        *** End of Report ***

DrugLab GC #2 10/17/2011 6:30:46 PM ASD   Page   1 of 1

```
========================================================================
  Acq. Operator   : ASD                       Seq. Line :  18
  Acq. Instrument : DrugLab GC #2              Location  : Vial 18
  Injection Date  : 10/17/2011 6:34:17 PM          Inj  :  1
                                              Inj Volume : 1 μl
  Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
  Method          : C:\CHEM32\1\METHODS\ROUTINE.M
  Last changed    : 7/28/2010 1:59:36 PM
========================================================================
```



```
========================================================================
                       Area Percent Report
========================================================================

Sorted By            :        Retention Time
Multiplier:                   :      1.0000
Dilution:                     :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type    Area       Height      Area
  #   [min]            [pA*s]        [pA]         %
----|-------|---|----|----------|-----------|--------|
  1   0.936  1  BB S 4.76604e4   5.88879e4   97.65193
  2   1.631  1  BB   1146.00684  1491.31836   2.34807

Totals :            4.88064e4   6.03792e4
```

```
========================================================================
                      *** End of Report ***
========================================================================
```

rppd
11-28-11

Information from Data File:
```
File Name      : C:\msdchem\1\data\SYSTEM6\11_03_11\806224.D
Operator       : KAC
Date Acquired  : 3 Nov 2011  15:32
Sample Name    : BLANK
Submitted by   :
Vial Number    : 1
AcquisitionMeth: MDMA.M
Integrator     : RTE
```
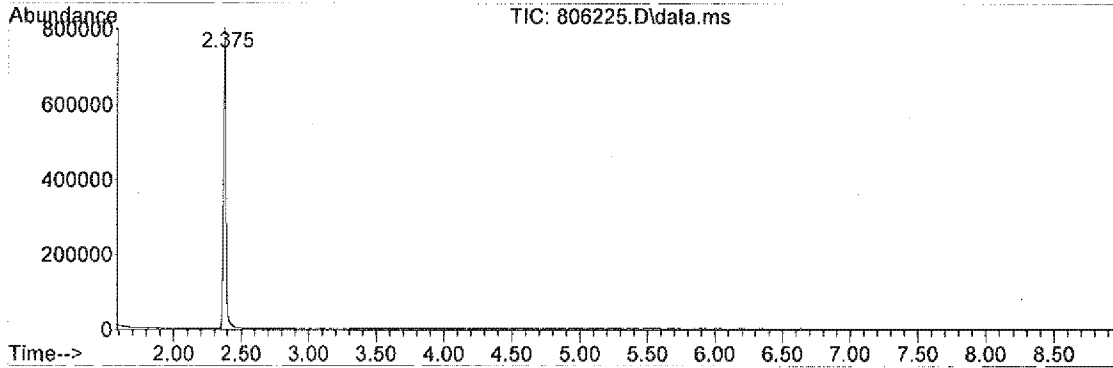

TIC: 806224.D\data.ms
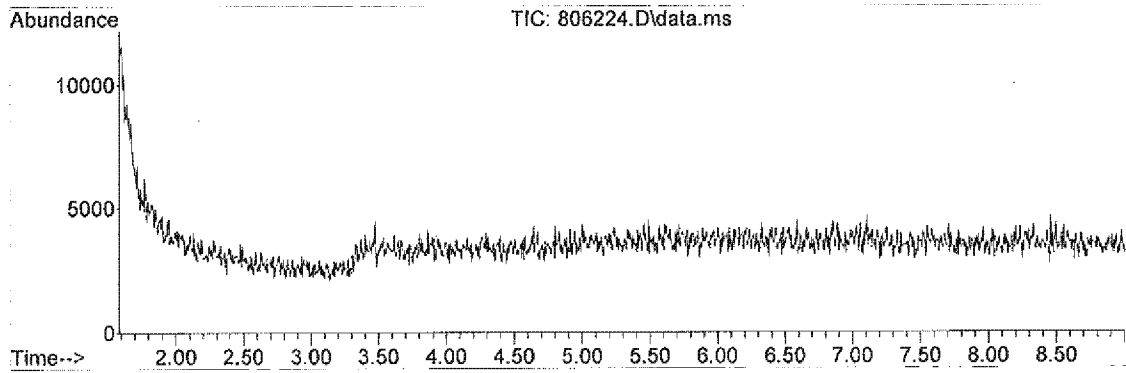
Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Information from Data File:
File Name   : C:\msdchem\1\data\SYSTEM6\11_03_11\806225.D
Operator   : KAC
Date Acquired   : 3 Nov 2011 15:43
Sample Name   : 3,4-MDMA STD
Submitted by   :
Vial Number   : 25
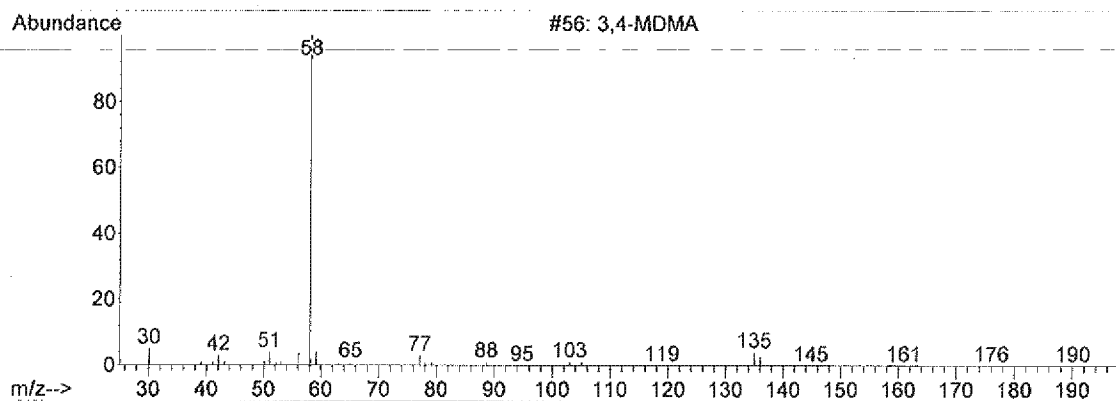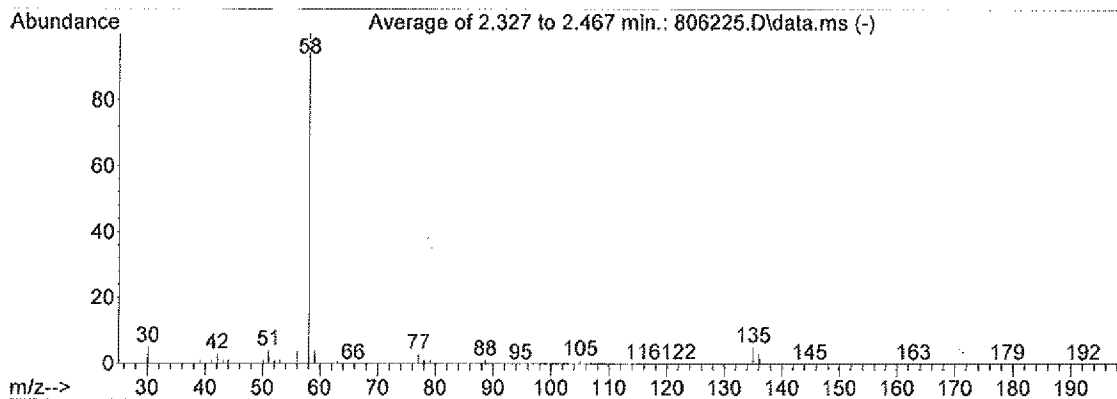AcquisitionMeth: MDMA.M
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
2.375	1045186	100.00	100.00

Information from Data File:
File Name   : C:\msdchem\1\data\SYSTEM6\11_03_11\806225.D
Operator   : KAC
Date Acquired : 3 Nov 2011 15:43
Sample Name   : 3,4-MDMA STD
Submitted by   :
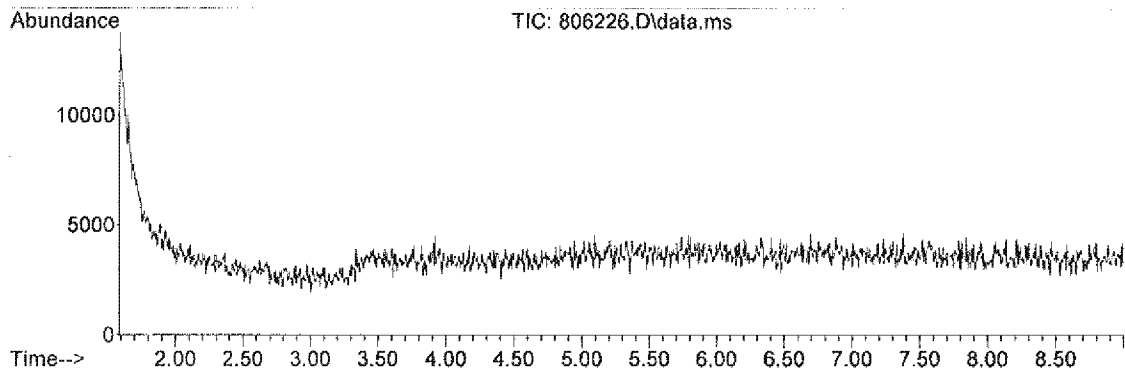Vial Number   : 25
AcquisitionMeth: MDMA.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.38	C:\Database\SLI.L		
		3,4-MDMA	042542-10-9	90
		MEPHEDRONE	1189805-46-6	2
		ORPHENADRINE	000083-98-7	2

Abundance   Average of 2.327 to 2.467 min.: 806225.D\data.ms (-)

Abundance   #56: 3,4-MDMA

Information from Data File:
File Name   : C:\msdchem\1\data\SYSTEM6\11_03_11\806226.D
Operator   : KAC
Date Acquired : 3 Nov 2011 15:55
Sample Name   : BLANK
Submitted by   : KAC
Vial Number   : 1
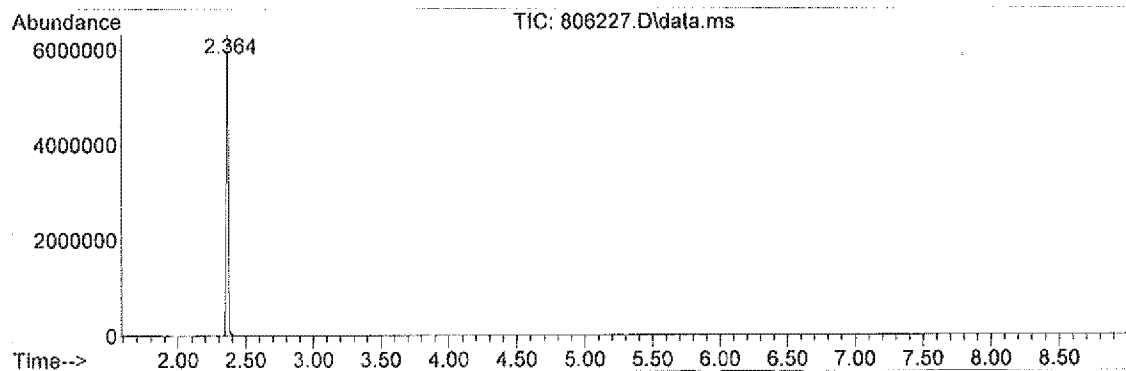AcquisitionMeth: MDMA.M
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
File Name   : C:\msdchem\1\data\SYSTEM6\11_03_11\806227.D
Operator   : KAC
Date Acquired   : 3 Nov 2011   16:06
Sample Name   : ███████████
Submitted by   : KAC
Vial Number   : 27
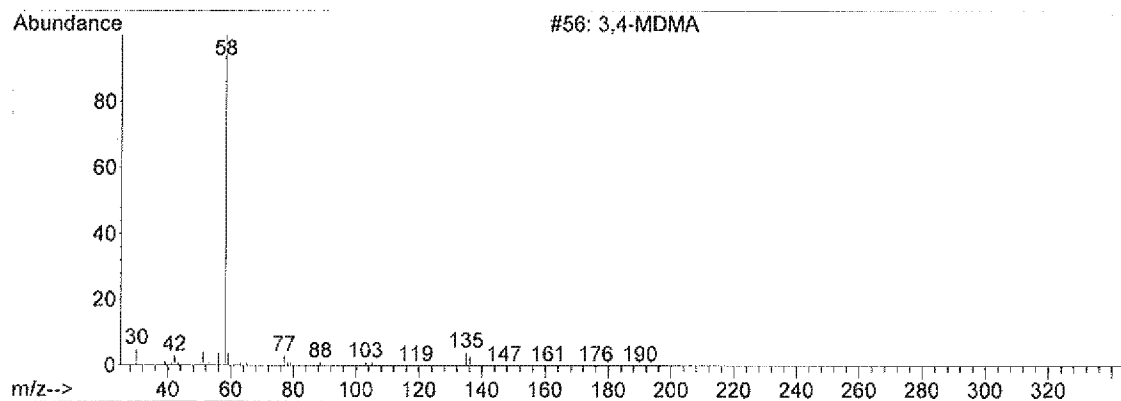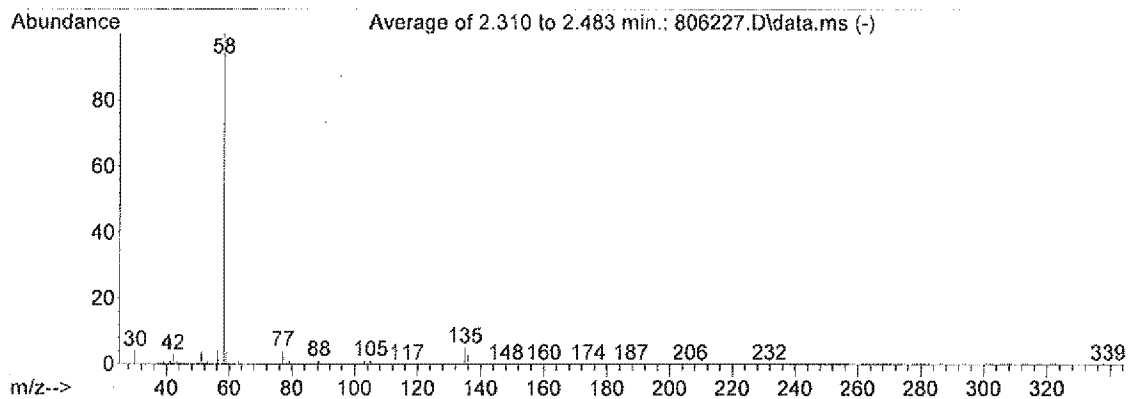AcquisitionMeth: MDMA.M
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
2.364	6930682	100.00	100.00

806227.D   Mon Nov 28 14:12:07 2011   Page   1

Area Percent / Library Search Report

```
Information from Data File:
File Name       : C:\msdchem\1\data\SYSTEM6\11_03_11\806227.D
Operator        : KAC
Date Acquired   : 3 Nov 2011  16:06
Sample Name     : ████████████████
Submitted by    : KAC
Vial Number     : 27
AcquisitionMeth : MDMA.M
Integrator      : RTE
```
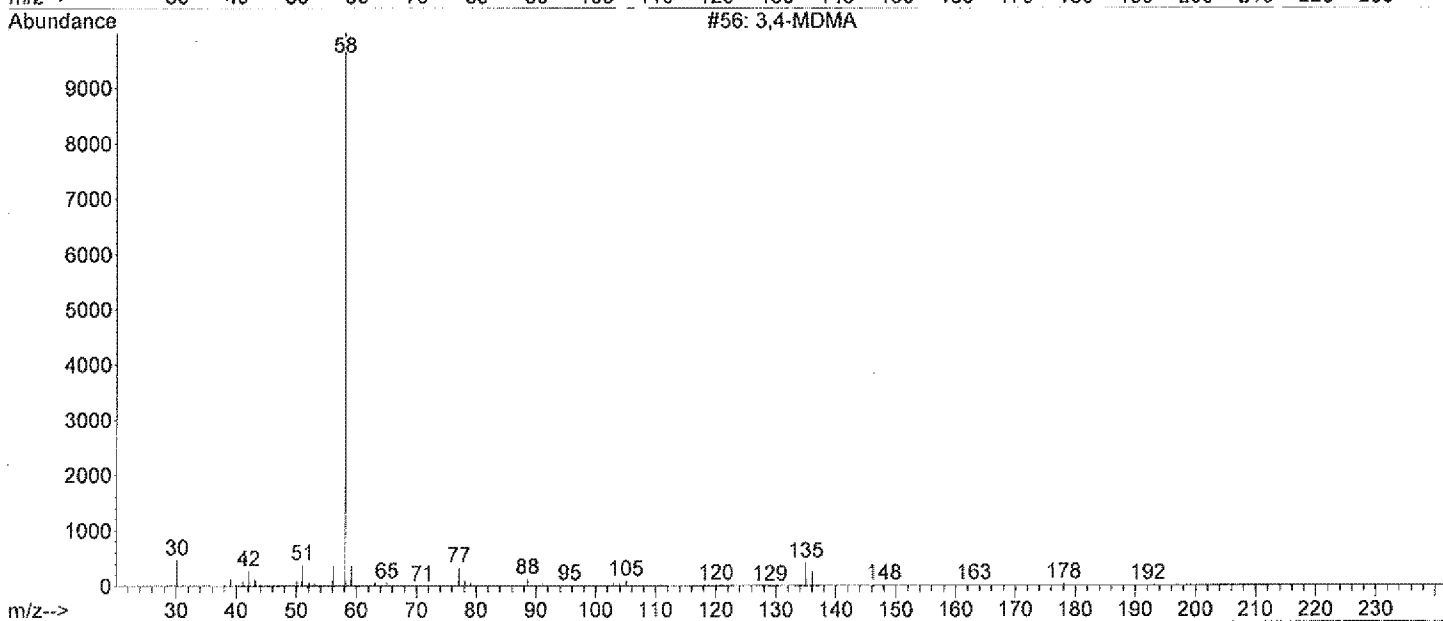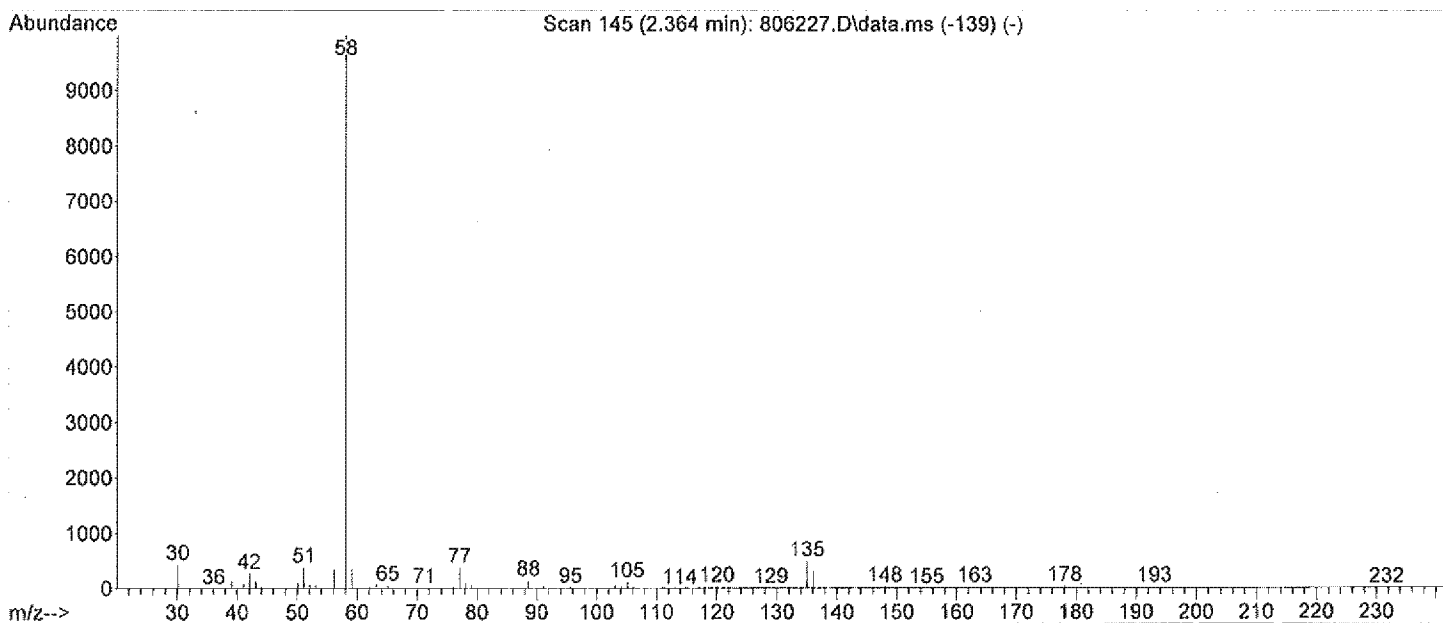
	Search Libraries:	C:\Database\SLI.L	Minimum Quality: 80
		C:\Database\NIST08.L	Minimum Quality: 80
		C:\Database\PMW_TOX2.L	

PK#	RT	Library/ID	CAS#	Qual
1	2.36	C:\Database\SLI.L		
		3,4-MDMA	042542-10-9	90
		MEPHEDRONE	1189805-46-6	4
		DILTIAZEM	033286-22-5	2

Abundance   Average of 2.310 to 2.483 min.: 806227.D\data.ms (-)

Abundance   #56: 3,4-MDMA

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Library Searched : C:\Database\SLI.L
Quality   : 90
ID   : 3,4-MDMA

Abundance   Scan 145 (2.364 min): 806227.D\data.ms (-139) (-)

9000

8000

7000

6000

5000

4000

3000

2000

1000
        30   42   51 58   77   88 95   105 114 120 129 135   148 155 163   178   193   232
           36   65 71
   0
m/z-->   30   40   50   60   70   80   90   100   110   120   130   140   150   160   170   180   190   200   210   220   230

Abundance   #56: 3,4-MDMA
                                    58
9000

8000

7000

6000

5000

4000

3000

2000

1000
        30   42   51   77   88 95   105   120 129 135   148   163   178   192
   0
m/z-->   30   40   50   60   70   80   90   100   110   120   130   140   150   160   170   180   190   200   210   220   230

Area Percent / Library Search Report

Information from Data File:
File Name   : C:\msdchem\1\data\SYSTEM6\11_03_11\806229.D
Operator   : KAC
Date Acquired : 3 Nov 2011 16:30
Sample Name   : BLANK
Submitted by   :
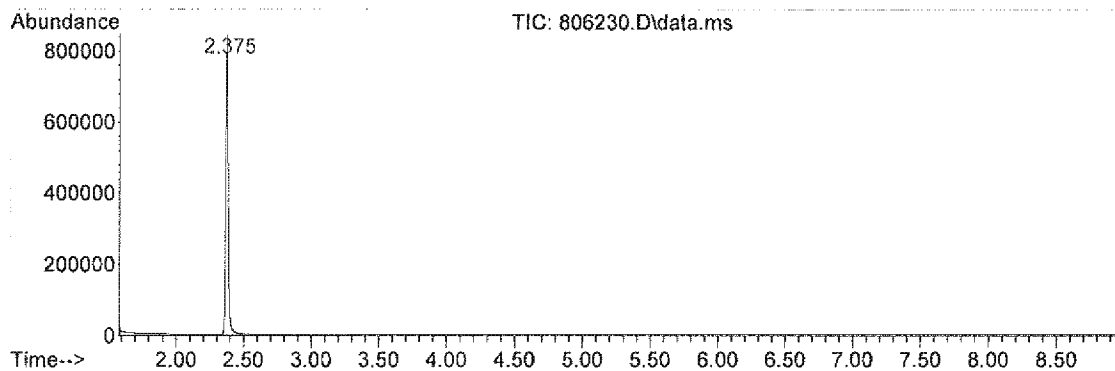Vial Number   : 1
AcquisitionMeth: MDMA.M
Integrator   : RTE

TIC: 806229.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

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Area Percent / Library Search Report

Information from Data File:
```
File Name        : C:\msdchem\1\data\SYSTEM6\11_03_11\806230.D
Operator         : KAC
Date Acquired    :  3 Nov 2011  16:41
Sample Name      : 3,4-MDMA STD
Submitted by     :
Vial Number      :  25
AcquisitionMeth: MDMA.M
Integrator       : RTE
```


Ret. Time	Area	Area %	Ratio %
2.375	1043967	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

```
File Name       : C:\msdchem\1\data\SYSTEM6\11_03_11\806230.D
Operator        : KAC
Date Acquired   :  3 Nov 2011  16:41
Sample Name     : 3,4-MDMA STD
Submitted by    :
Vial Number     : 25
AcquisitionMeth: MDMA.M
Integrator      : RTE
```

Search Libraries:	C:\Database\SLI.L	Minimum Quality: 80
	C:\Database\NIST08.L	Minimum Quality: 80
	C:\Database\PMW_TOX2.L	

PK#	RT	Library/ID	CAS#	Qual
1	2.37	C:\Database\SLI.L		
		3,4-MDMA	042542-10-9	90
		MEPHEDRONE	1189805-46-6	4
		ORPHENADRINE	000083-98-7	2

Average of 2.337 to 2.499 min.: 806230.D\data.ms (-)

#56: 3,4-MDMA

806230.D   Mon Nov 28 14:12:15 2011   Page 2